

ES.0 EXECUTIVE SUMMARY

ES.0.1 URS was retained by the Defense Logistics Agency (DLA) to perform a five-year review of the Defense Distribution Depot San Joaquin California, Tracy site (DDJC-Tracy) Comprehensive Environmental Response, Conservation, and Liability Act (CERCLA) program from March through June of 2005. URS performed site visits on 1 and 2 March 2005 and was joined by the following representatives of the client and regulatory agencies:

- Mr. Marshall Cloud, DDJC-Tracy Remedial Project Manager (RPM) (1 and 2 March);
- Ms. Xuan-Mai Tran, U.S. Environmental Protection Agency (EPA) RPM (2 March);
- Mr. Peter MacNicholl, Department of Toxic Substances Control (DTSC) RPM (2 March);
- Mr. Marcus Pierce, Central Valley Regional Water Quality Control Board (CVRWQCB) RPM (2 March); and
- Ms. Dina Calanchini, TechLaw Inc. (2 March).

ES.0.2 This five-year review of remedial actions at the DDJC-Tracy in Tracy, California, is required by CERCLA. The purpose of the five-year review is to evaluate the implementation and performance of the selected remedies and determine whether remedial response actions at the facility are protective of human health and the environment. A five-year review also recommends ways to attain or maintain that protection.

ES.0.3 This five-year review for DDJC-Tracy is a statutory review. A statutory review is warranted because the completed remedial actions have left hazardous substances, pollutants, or contaminants on site above concentrations that allow for unlimited use and unrestricted exposure, in conformance with the record of decision (ROD). The groundwater remedy at DDJC-Tracy is functioning as designed; however, the remedy has not achieved aquifer cleanup standards to date, and volatile organic compound (VOC) and dieldrin plumes presently extend beyond the installation boundary. The review was performed in accordance with the requirements described in the *Comprehensive Five-Year Review Guidance* (EPA, 2001). Both ongoing and completed remedial actions are being, or have been, conducted at the DDJC-Tracy facility.

ES.0.4 The five-year review process included the following activities:

- Visits to all sites and treatment facilities;
- Review of monitoring data;
- Review of all remedial action reports prepared for the individual sites;
- Development of a response completion plan (RCP) (Section 22.0 of this report);
- An update of the conceptual site model (CSM) (Appendix A of this report); and
- Interviews of interested parties (Appendix B of this report).

ES.1 Summary of Findings

ES.1.1 The Solid Waste Management Units (SWMUs) and various soil sites were classified in the feasibility study (FS) and ROD as Group A, B, or C sites, but they were not referred to as Operable Units (OUs). The only OU identified in the proposed plan and ROD is OU 1 (groundwater). The findings for the individual sites are summarized in Table ES-1. Remedial actions have been completed at the following sites:

- SWMU 2/3;
- SWMU 4;
- SWMU 6;
- SWMU 8;
- SWMU 27;
- SWMU 33; and
- Defense Site Environmental Reporting and Tracking System (DSERTS) 67.

ES.1.2 Remedial actions are ongoing at the following sites:

- OU 1 (Groundwater) (groundwater extraction and treatment);
- Group A Sites (SWMU 1/Area 2, Area 1 Building 237, and Area 3) (soil vapor extraction); and
- SWMU 24 Building 247 (bioventing).

ES.1.3 Institutional controls governing land and groundwater use have been applied to several sites.

ES.2 Protectiveness


The remedies employed at DDJC-Tracy are expected to be protective of human health and the environment upon completion; in the interim, exposure pathways that could result in unacceptable risks are being controlled. Completed remedies are considered protective of human health and the environment.

**DDJC-Tracy Five-Year Review Report
Protectiveness Statement and Regulatory Concurrence**

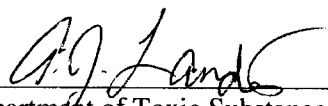
This report has been prepared in accordance with U.S. EPA OSWER Directive 9355.7-03B-P.

PROTECTIVENESS DETERMINATION

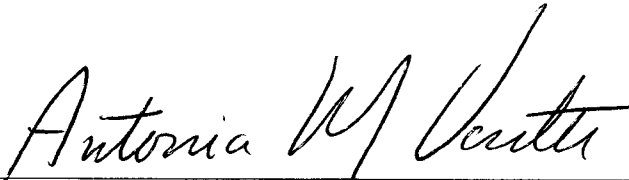
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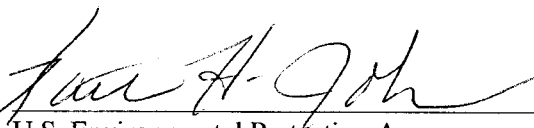
U.S. Department of Defense, Defense Logistics Agency **SEP 21 2005**
J. Douglas Serrano, Colonel, USA Date
Commander, Defense Distribution Depot San Joaquin California



Cal/EPA Department of Toxic Substances Control 9-21-05
Anthony J. Landis, Chief Date
Northern California Operations, Office of Military Facilities



State of California Regional Water Quality Control Board 9/29/05
Thomas R. Pinkos, Executive Officer Date
Central Valley Region



U.S. Environmental Protection Agency 9/23/05
Kathleen Johnson, Chief Date
Federal Facilities and Site Cleanup Branch

